

033072-141

PCT REQUEST

Original (for SUBMISSION)

1/6

10/543122

0	For receiving Office use only	
0-1	International Application No.	PCT/US 04/02029
0-2	International Filing Date	26 JAN 2004 (26.01.04)
0-3	Name of receiving Office and "PCT International Application"	PCT INTERNATIONAL APPLICATION RO/US
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.150)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	033072-141
I	Title of Invention	MODIFIED TRAFFICKING PATTERNS FOR ARRESTIN AND G-PROTEIN-COUPLED RECEPTORS VIA ARRESTIN-UBIQUITIN CHIMERA
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name:	DUKE UNIVERSITY
II-5	Address:	Erwin Rd Durham, North Carolina 27708 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	(919) 684-2064
II-9	Facsimile No.	(919) 681-7559
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	SHENOY, Sudha
III-1-5	Address:	2212 East Old Oxford Rd Chapel Hill, North Carolina 27514 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	LEFKOWITZ, Robert, J.
III-2-5	Address:	5203 Piney Hollow Court Durham, North Carolina 27705 United States of America
III-2-6	State of nationality	US
III-2-7	State of residence	US
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	BAUM, Allen, R.
IV-1-2	Address:	BURNS, DOANE, SWECKER & MATHIS LLP PO BOX 1404 Alexandria, Virginia 22313-1404 United States of America
IV-1-3	Telephone No.	(703) 836-6620
IV-1-4	Facsimile No.	(703) 836-2021
IV-1-6	Agent's registration No.	36,086
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	CARTY, Sherry, M. (51,534); DUNSTON, Erin, M. (51,147)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	24 January 2003 (24.01.2003)
VI-1-2	Number	60/442,403
VI-1-3	Country	US
VI-2	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1

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VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	1	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application DUKE UNIVERSITY is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(iv)		an assignment from SHENOY Sudha to DUKE UNIVERSITY, dated 05 May 2003 (05.05.2003)
VIII-2-1(iv)		an assignment from LEFKOWITZ Robert, J. to DUKE UNIVERSITY, dated 05 May 2003 (05.05.2003)
VIII-2-1(ix)	This declaration is made for the purposes of:	all designations except the designation of the United States of America

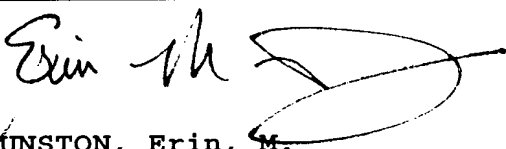
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VIII-3-1	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name:	in relation to this international application DUKE UNIVERSITY is entitled to claim priority of earlier application No. 60/442,403 by virtue of the following:
VIII-3-1(iv)		an assignment from SHENOY Sudha to DUKE UNIVERSITY, dated 05 May 2003 (05.05.2003)
VIII-3-1(iv)		an assignment from LEFKOWITZ Robert, J. to DUKE UNIVERSITY, dated 05 May 2003 (05.05.2003)
VIII-3-1(ix)	This declaration is made for the purposes of:	all designations

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	-
IX-2	Description	63	-
IX-3	Claims	4	-
IX-4	Abstract	1	✓
IX-5	Drawings	21	-
IX-7	TOTAL	95	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-18	other:	transmittal letter, postcard, check	
IX-19	Figure of the drawings which should accompany the abstract	6A	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name:	DUNSTON, Erin, M.	
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	DT20 Rec'd PCT/PTO 26 JAN 2004 (26.01.04)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only			
0-1	International Application No.	PCT/US 04/02029		
0-2	Date stamp of the receiving Office	26 JAN 2004 (26.01.04)		
0-4	Form PCT/RO/101 (Annex)			
0-4-1	PCT Fee Calculation Sheet Prepared Using	PCT-SAFE [EASY model] Version 3.50 (Build 0002.150)		
0-9	Applicant's or agent's file reference	033072-141		
2	Applicant	DUKE UNIVERSITY		
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (USD)	
12-1	Transmittal fee T	⇒	300	300 ✓
12-2-1	Search fee S	⇒	1000	1000 ✓
12-2-2	International search to be carried out by	US		
12-3	International filing fee (first 30 sheets) i1	1035		1035 ac
12-4	Remaining sheets	65		715 ac
12-5	Additional amount (X) i1	11		20 ac
12-6	Total additional amount i2	715		
12-7	i1 + i2 = i	1750		\$3070
12-12	EASY Filing reduction R	-74		-74
12-13	Total International filing fee (i-R) I	⇒	1676	\$2,996 ac
12-14	Fee for priority document			
	Number of priority documents requested	1		
12-15	Fee per document (X) i2	20		
12-16	Total priority document fee: P	⇒	20	
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒	2996	
12-19	Mode of payment	cheque		
12-20	Deposit account instructions			
	The receiving Office	United States Patent and Trademark Office (USPTO) (RO/US)		
12-20-2	Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	✓		
12-21	Deposit account No.	02-4800		
12-22	Date	26 January 2004 (26.01.2004)		
12-23	Name and signature	DUNSTON, Erin, M. 